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## ABSTRACT OF THE DISCLOSURE

2 To enhance the distribution or backup of data similar to previously distributed or backed up data,  
3 to provide similarity testing, and other benefits, a first body of data  $T$  of size  $n$  is compressed  
4 with respect to a second body of data  $S$  of size  $m$  *in-place*; that is, the memory containing  $S$  is  
5 overwritten from left to right so that at no time is more than a total of  $\text{MAX}\{m,n\} + O(1)$   
6 memory used.

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